



# Linear slot diffuser

## LD



Adjustable handlebars

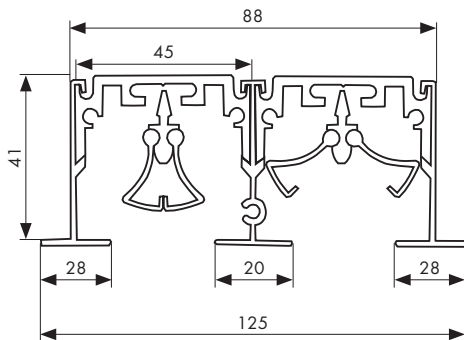


Made of aluminium

### Description

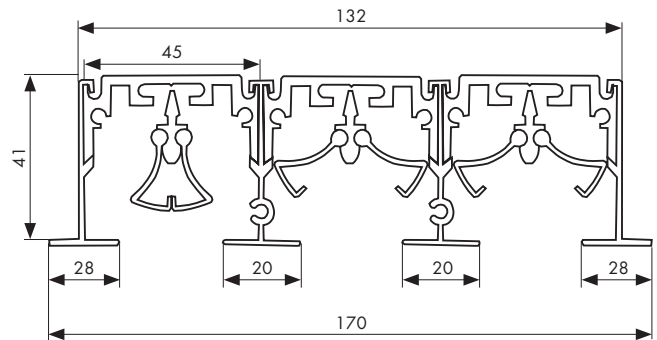
Aluminium linear slot diffusers "LD" enables a suitable exhaust airflow guide, providing high flexibility in application. Each slot enables separate air flow direction adjustment and is provided with two deflector vanes. Adjusted to supply warm and cold air. Convenient exhaust regulation ensures effectiveness of variable output systems. As standard, in simple modules with length of 1 m. Made of aluminium and galvanised steel (regulating components). Powder coated in colour RAL 9016.

### Technical drawing LD.2 [mm]



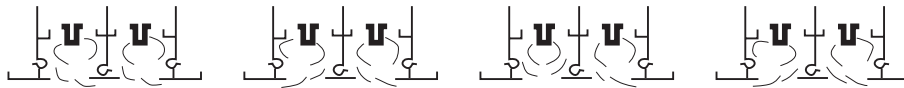
L = 1032 mm (with frame)

### Technical drawing LD.3 [mm]

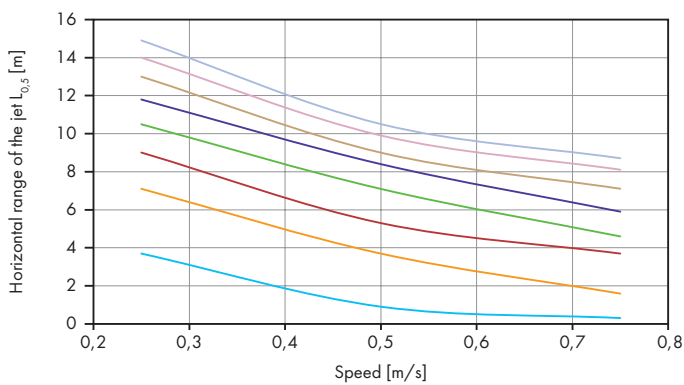


L = 1032 mm (with frame)

Direction of airflow

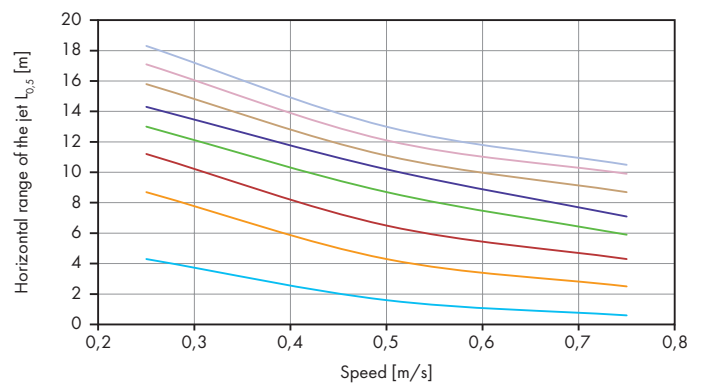


### LD.2 - Horizontal range of the jet $L_{0,5}$ [m]



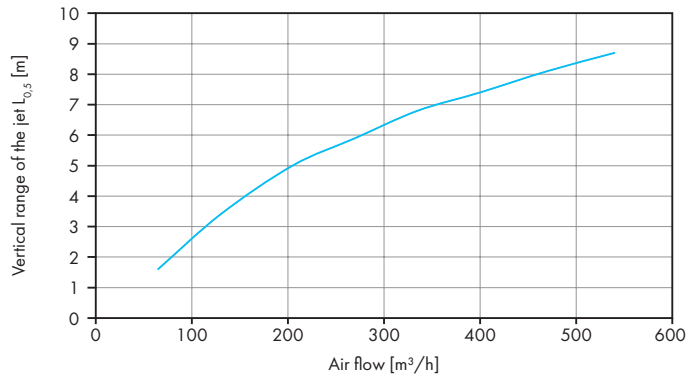
- V = 65 m<sup>3</sup>/h
- V = 130 m<sup>3</sup>/h
- V = 205 m<sup>3</sup>/h
- V = 270 m<sup>3</sup>/h
- V = 335 m<sup>3</sup>/h
- V = 400 m<sup>3</sup>/h
- V = 470 m<sup>3</sup>/h
- V = 540 m<sup>3</sup>/h

### LD.3 - Horizontal range of the jet $L_{0,5}$ [m]

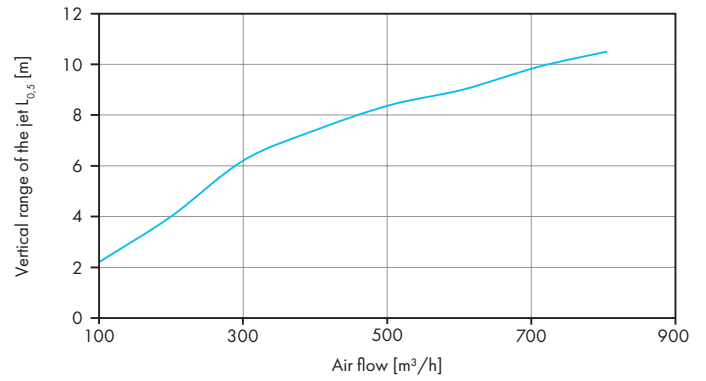


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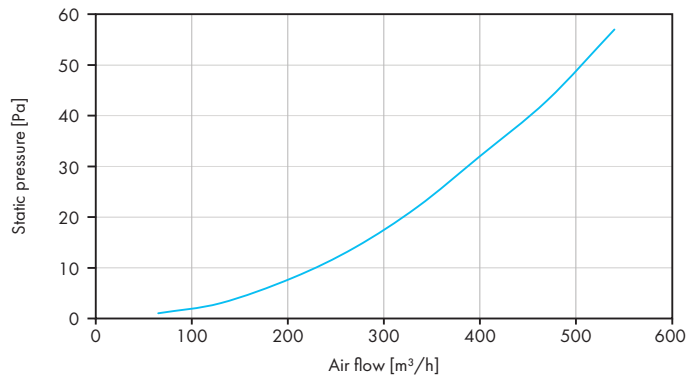
### LD.2 - Vertical range of the jet $L_{0,5}$ [m]



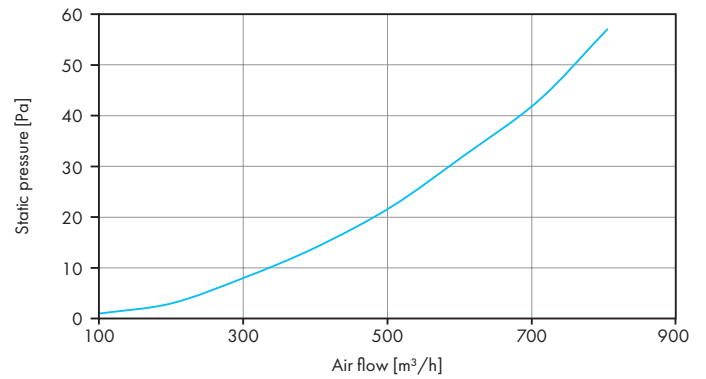
### LD.3 - Vertical range of the jet $L_{0,5}$ [m]



### LD.2 - Static pressure



### LD.3 - Static pressure



### LD.2 - Noise power level

Model LD.2	Characteristic			
V [m³/h]	65	130	205	270
NC [dB]	-	-	16	23
V [m³/h]	335	400	470	540
NC [dB]	29	33	37	40

V [m³/h] - air volume

NC [dB] - noise level with assumed room sound attenuation of 10 dB

### LD.3 - Noise power level

Model LD.3	Characteristic			
V [m³/h]	100	200	300	400
NC [dB]	-	-	18	25
V [m³/h]	505	605	710	805
NC [dB]	30	35	39	42

V [m³/h] - air volume

NC [dB] - noise level with assumed room sound attenuation of 10 dB